

HIV/AIDS Surveillance Quarterly Report

Hawai'i Department of Health

Cases to March 31, 2002

HIV Reporting: Hawaii Administrative Rules now require physicians to report HIV-positive cases report using an Unnamed Test Code (UTC) to the HIV/AIDS Surveillance Program, Department of Health. The UTC is created from patient's name and date of birth; the algorithm appears on the HIV report form. Laboratories are required to report HIV-positive test results by UTC to the HIV/AIDS Surveillance Program. Surveillance staff follow up on those laboratory reported HIV-positive test results for demographic and other required information with physicians. For more information on reporting and other related questions, please contact the HIV/AIDS Surveillance Program, STD/AIDS Prevention Branch, 3627 Kilauea Avenue, Suite 306, Honolulu, HI 96816, Tel: (808) 733-9010, and Fax: (808) 733-9015. As of March 31, 2002, 324 HIV (non-AIDS) cases were reported to the Hawaii HIV/AIDS Surveillance Program, Department of Health.

AIDS Reporting: AIDS still continues to report for individuals with HIV and low CD4 (<200 Cell/ μ L and/or $<14\%$) with or without opportunistic infection. Hawaii laboratories are required to report low CD4 to the HIV/AIDS Surveillance Program. Surveillance staff follow up with physicians for unreported AIDS cases based on laboratory reported low CD4 results. As of March 31, 2002, 2,594 AIDS cases have been reported to the Department of Health.

This report contains AIDS data by year (page 2), by county (Page 3), and by race/ethnicity (Page 4).

Distribution of people known to be living with AIDS in Hawai'i

As of March 31, 2002, 2,594 AIDS cases have been reported to the State of Hawaii Department of Health. Among these cases, 42% (1,099) people are known to be living with AIDS. The HIV/AIDS Program maintains AIDS records with death information for person deceased with AIDS or other reasons in Hawaii. In addition, some deceased information are also collected from other states for migrant cases. Sometimes, HIV/AIDS Program may not know if any individual reported with AIDS die in another state and therefore, that individual remains in this data set as a living case.

The figure shows the number of people known to be living with AIDS at the end of each year. The number has increased each year from three in 1983 to 1,093 in 2001. Due to the highly active antiretroviral therapy (HAART), which was introduced in 1996, many people are living longer and healthier with AIDS than ever before.

Gender: Of these people are living with AIDS, 91% (1000) male and 9% (99) female.

Race/Ethnicity: Majority of people living with AIDS are Caucasians (63%, 690), followed by Hawaiians (9%, 100) and other race/ethnic groups.

By Risk: For people living with AIDS, majority was diagnosed with men having sex with men (MSM) risk behavior (71%, 783), followed by injection drug use (IDU) with 8% (91), heterosexual with 7% (79), MSM/IDU with 7% (75), and other risk with 6% (71).

By Age: Majority of people living with AIDS were diagnosed between 30 to 39 years of age (45%, 493), followed by 40 to 49 years with 30% (331), 20 to 29 years with 13% (138), and over 49 years with 12% (128).

By County: Most people living with AIDS were diagnosed in O'ahu (Honolulu County) with 66% (722), followed by Hawai'i County with 17% (189), Maui County with 13% (143), and Kaua'i County with 4% (45).

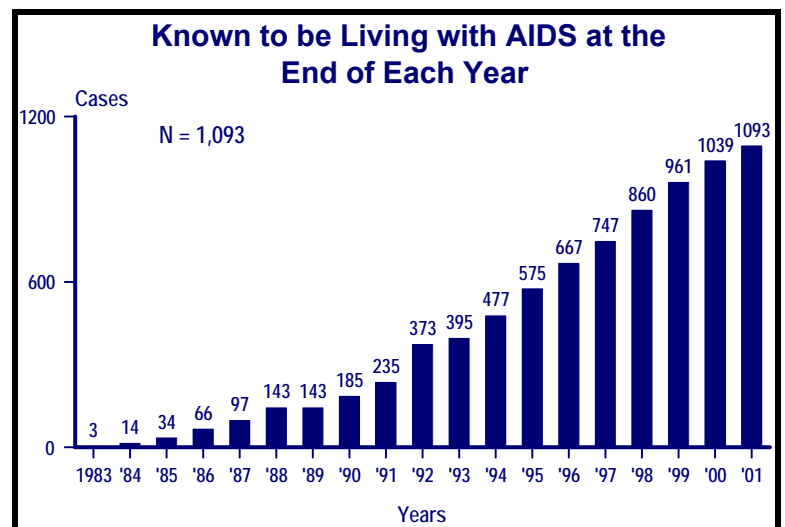


Figure shows number of living AIDS cases increased from 1983 to 2001. Six diagnosed living AIDS cases of 2002 are not shown in this graph.

AIDS Surveillance Program, 3627 Kilauea Avenue, Room 306, Honolulu, Hawaii 96816, (808) 733-9010, 733-9015 (Fax)
Website address: http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/

Hawaii AIDS Data by Year

As of March 31, 2002

Year of Report	1983-1996	1997	1998	1999	2000	2001	2002	TOTAL
Cases by Year of Report	1,980	98	164	103	109	127	13	2,594
Rate per 100,000 Population ¹	N/A	8.2	13.8	8.7	9.0	10.5	N/A	N/A

Demographics/Risk	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
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SEX	Male	1,871	(94)	87	(89)	147	(90)	95	(92)	94	(86)	112	(88)	9	2,415	(93)
	Female	109	(6)	11	(11)	17	(10)	8	(8)	15	(14)	15	(12)	4	179	(7)

AGE	<13	14	(<1)	0	(0)	1	(1)	0	(0)	1	(1)	0	(0)	0	16	(<1)
	13-19	5	(<1)	1	(1)	1	(1)	0	(0)	1	(1)	0	(0)	0	8	(<1)
	20-29	283	(14)	5	(5)	13	(8)	5	(5)	8	(7)	11	(9)	1	326	(13)
	30-39	875	(44)	44	(45)	80	(49)	44	(43)	36	(33)	54	(43)	6	1,139	(44)
	40-49	591	(30)	30	(31)	48	(29)	39	(38)	42	(39)	37	(29)	1	788	(30)
	>49	212	(11)	18	(18)	21	(13)	15	(15)	21	(19)	25	(20)	5	317	(12)

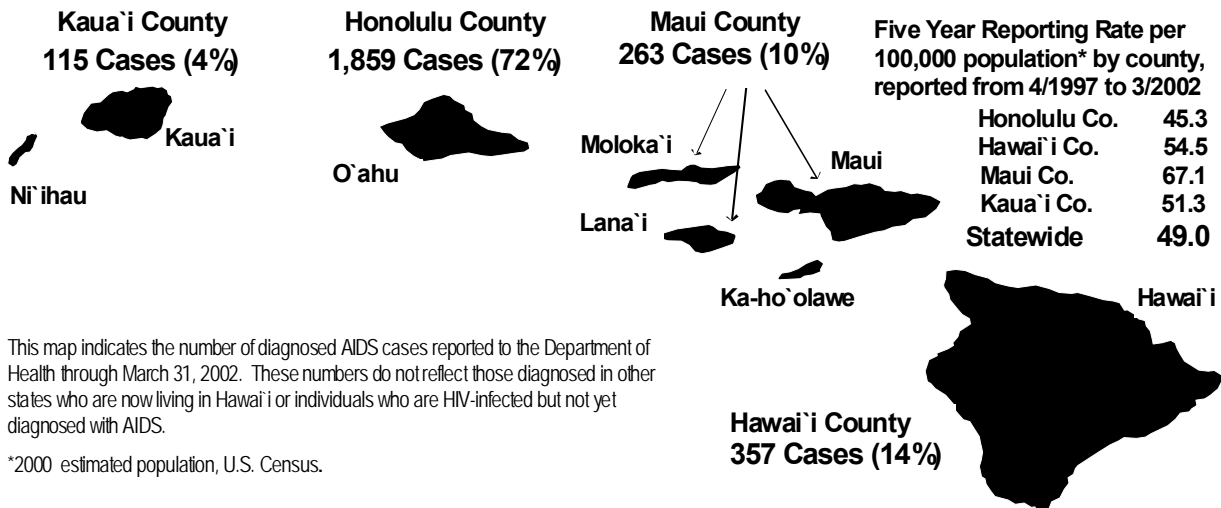
RACE	Caucasian	1,288	(65)	47	(48)	98	(60)	64	(62)	61	(56)	80	(63)	6	1,644	(63)
	Asian/Pacific Islander	508	(26)	42	(43)	41	(25)	27	(26)	39	(36)	34	(27)	5	696	(27)
	African-American	81	(4)	3	(3)	9	(5)	7	(7)	4	(4)	3	(2)	1	108	(4)
	Hispanic	95	(5)	6	(6)	13	(8)	5	(5)	5	(5)	9	(7)	1	134	(5)
	American Indian/Alaskan	8	(<1)	0	(0)	3	(2)	0	(0)	0	(0)	1	(1)	0	12	(<1)

RISK	Male to Male Sex	1,543	(78)	67	(68)	117	(71)	71	(69)	69	(63)	84	(66)	5	1,956	(75)
	Injection Drug Use	128	(6)	10	(10)	21	(13)	6	(6)	8	(7)	9	(7)	1	183	(7)
	Male/Male Sex & IDU	148	(7)	5	(5)	5	(3)	8	(8)	4	(4)	2	(2)	0	172	(7)
	Female Heterosexual	57	(3)	8	(8)	8	(5)	3	(3)	8	(7)	5	(4)	2	91	(4)
	Male Heterosexual	26	(1)	3	(3)	4	(2)	5	(5)	3	(3)	4	(3)	1	46	(2)
	Transfusion	19	(1)	2	(2)	2	(1)	1	(1)	0	(0)	0	(0)	1	25	(1)
	Perinatal	11	(<1)	0	(0)	1	(1)	0	(0)	1	(1)	0	(0)	0	13	(<1)
	Hemophiliac	17	(<1)	1	(1)	1	(1)	0	(0)	0	(0)	1	(1)	0	20	(<1)
	Undetermined	31	(2)	2	(2)	5	(3)	9	(9)	16	(15)	22	(17)	3	88	(3)

¹ Each year's estimated population from the State of Hawaii Data Book 1999, <http://www.hawaii.gov/dbedt/db99/index.html>, and US Census, <http://www.census.gov/population/cen2000>. ** The numbers are too small to show percentages.

County Report

Cumulative Cases (1983 – March 31, 2002)



Cumulative Hawai'i AIDS cases reported 1983 to March 31, 2002	2,594	Known Deaths	1,495 (58%)
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AIDS Cases by County: Five-year (April 1997 - March 2002) and Cumulative Total (1983 – March 2002)

County		Honolulu Co.		Hawai'i Co.		Maui Co.		Kaua'i Co		Statewide	
		5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total
		No. (%)	N (%)	No. (%)	No. (%)	No. (%)	No. (%)	N (%)	N (%)	No. (%)	No. (%)
SEX	Male	357 (90)	1,741 (94)	63 (78)	317 (89)	80 (93)	250 (95)	27 (90)	107 (93)	527 (89)	2,415 (93)
	Female	40 (10)	118 (6)	18 (22)	40 (11)	6 (7)	13 (5)	3 (10)	8 (7)	67 (11)	179 (7)

RISK	Male to Male Sex	267 (67)	1,423 (77)	42 (52)	237 (66)	69 (80)	206 (78)	22 (73)	90 (78)	400 (67)	1,956 (75)
	Injection Drug Use	33 (8)	122 (7)	10 (12)	39 (11)	5 (6)	13 (5)	4 (13)	9 (8)	52 (9)	183 (7)
	Male/Male Sex & IDU	17 (4)	116 (6)	4 (5)	29 (8)	1 (1)	23 (9)	1 (3)	4 (3)	23 (4)	172 (7)
	Heterosexual Contact	33 (8)	89 (5)	13 (16)	30 (8)	4 (5)	11 (4)	1 (3)	7 (6)	51 (9)	137 (5)
	Transfusion	4 (<1)	20 (1)	2 (2)	3 (1)	0 (0)	0 (0)	0 (0)	2 (2)	6 (1)	25 (1)
	Perinatal	2 (<1)	11 (<1)	0 (0)	2 (<1)	0 (0)	0 (0)	0 (0)	0 (0)	2 (0)	13 (<1)
	Hemophiliac	2 (<1)	14 (<1)	0 (0)	4 (1)	1 (1)	2 (<1)	0 (0)	0 (0)	3 (1)	20 (<1)
	Undetermined	39 (10)	64 (3)	10 (12)	13 (4)	6 (7)	8 (3)	2 (7)	3 (3)	57 (10)	88 (3)
Total Cases		397 (100)	1,859 (100)	81 (100)	357 (100)	86 (100)	263 (100)	30 (100)	115 (100)	594 (100)	2,594 (100)

April 1997—March 2002 N (%)	397 (67)	81 (14)	86 (14)	30 (5)	594 (100)
Cumulative cases and (%)	1,859 (72)	357 (14)	263 (10)	115 (4)	2,594 (100)
*Population 2000 and (%)	8,761,56 (72)	148,677 (12)	128,241 (11)	58,463 (5)	1,211,537 (100)

AIDS Cases by Race/Ethnicity

Five - Year (April 1, 1997 – March 31, 2002)

Race/Ethnicity	Caucasian No. (%)	African American No. (%)	Hispanic No. (%)	Hawaiian/ Pt. Haw. No. (%)	Filipino No. (%)	Chinese No. (%)	Japanese No. (%)	Other A/PI No. (%)	Total* Cases No. (%)
5 year average reporting rate per 100,000 ¹	14.5	15.6	8.7	9.8	4.7	3.8	2.0	11.1	9.8

5 Year Cases (%)	346 (58)	26 (94)	38 (6)	68 (11)	40 (7)	13 (2)	25 (4)	34 (6)	594 (100)
Cumulative Cases (%)	1643 (63)	109 (4)	134 (5)	277 (11)	135 (5)	55 (2)	115 (4)	114 (4)	2,594 (100)

SEX	Male	319 (92)	20 (77)	32 (84)	58 (85)	32 (80)	12 (92)	23 (92)	27 (79)	527 (89)
	Female	27 (8)	6 (23)	6 (16)	10 (15)	8 (20)	1 (8)	2 (8)	7 (21)	67 (11)

RISK	Male to Male Sex	246 (71)	8 (31)	22 (58)	48 (71)	27 (68)	10 (77)	18 (72)	18 (53)	400 (67)
	Injection Drug Use	29 (8)	7 (27)	6 (16)	2 (3)	2 (5)	1 (8)	0 (0)	5 (15)	52 (9)
	Male/Male Sex & IDU	16 (5)	1 (4)	1 (3)	2 (3)	0 (0)	0 (0)	2 (8)	0 (0)	23 (4)
	Female Heterosexual	12 (3)	2 (8)	4 (11)	4 (6)	6 (15)	1 (8)	1 (4)	3 (9)	32 (5)
	Male Heterosexual	6 (2)	3 (12)	2 (5)	2 (3)	1 (3)	1 (8)	1 (4)	3 (9)	19 (3)
	Transfusion	3 (1)	0 (0)	0 (0)	2 (3)	0 (0)	0 (0)	0 (0)	0 (0)	6 (1)
	Perinatal	1 (0)	0 (0)	0 (0)	1 (1)	0 (0)	0 (0)	0 (0)	0 (0)	2 (0)
	Hemophiliac	3 (1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (1)
	Undetermined	30 (9)	5 (19)	3 (8)	7 (10)	4 (10)	0 (0)	3 (12)	5 (15)	57 (10)
5 Year Total cases		346 (100)	26 (100)	38 (100)	68 (100)	40 (100)	13 (100)	25 (100)	34 (100)	594 (100)

¹2000 estimated U.S. Census figures were used to calculate race-specific reporting rates for Caucasians, Afri-American, Hispanic, and the State total. 1990 US census figures were used to calculate the rest of the race/ethnic groups for this five year period (4/1997-3/2002)

*The cases for American Indian/Alaskan are not shown separately (4 male cases in the five year period :3 MSM, 1 MSWIDU, and 11 Cumulative cases from 1983 to March 31, 2002)

Reporting Requirement. *AIDS case reporting is required by Hawaii's Revised Statutes (HRS) §325-2 and Hawaii new Administrative Rules §11-156-3 for low CD4 values (<200 Cells/μL and/or total lymphocytes <14%). Reporting by name is required at the time a person is diagnosed with AIDS as defined by the Centers for Disease Control and Prevention (revised in January 1993). HIV positive case reporting by Unnamed Test Code (UTC) is required by Hawaii Administrative Rules §11-156-8.8 and 8.9, implemented from August 27, 2001. Information is collected for the advancement of epidemiologic knowledge and handled in strictest confidence in accordance with HRS §325-101. Names and other identifiers are not released. Those required to report include physicians, nurses, infection control practitioners, medical directors, and hospitals.*

Questions regarding forms, reporting requirements, or this report may be directed to the AIDS Surveillance Program at (808) 733-9010, (808) 733-9015 (fax) or pbortha@lava.net (e-mail).

HIV/AIDS Surveillance Quarterly Report

Hawai'i Department of Health

Cases to June 30, 2002



AIDS Data: As of June 30, 2002, a cumulative total of 2,643 AIDS cases have been reported to the HIV/AIDS Surveillance Program, Department of Health. Of these, 1,503 (57%) are known dead. A total of 154 cases have been reported since July 2001 (one-year period), of which 70 cases are in Honolulu County, 41 in Hawaii County, 28 in Maui County, and 15 in Kauai County. AIDS data are detailed on pages 2-4.

HIV Data: Since the first HIV case (non-AIDS) was reported in September 2001, a cumulative total of 420 of HIV cases have been reported to the Department of Health. HIV data at this time are incomplete so details are not yet available.

IDU-Related AIDS Cases in Hawaii, 1983-June 2002

A person sharing used syringes is at high risk for HIV infection. This behavior places not only the individuals sharing at risk but also on his/her sexual partners and the children, who are born to injection drug using mothers or mothers having injection drug user partners.

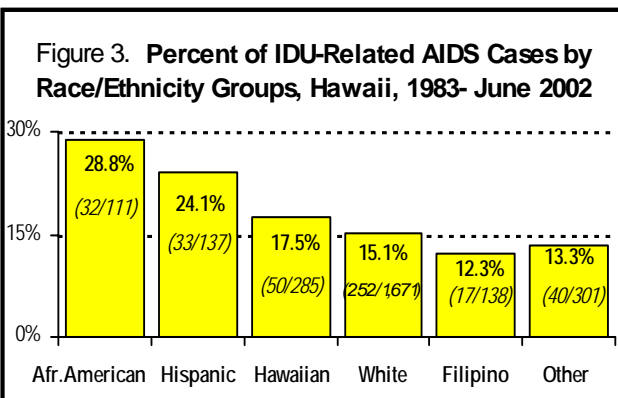
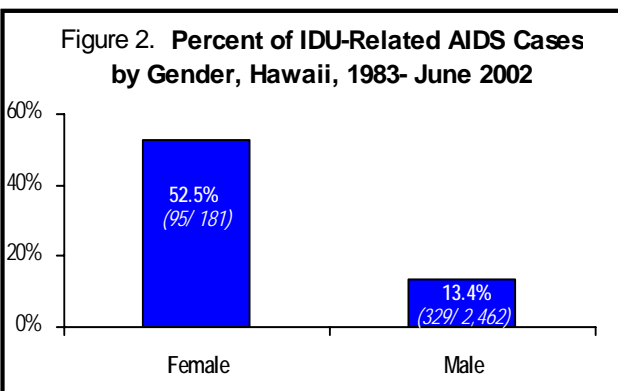
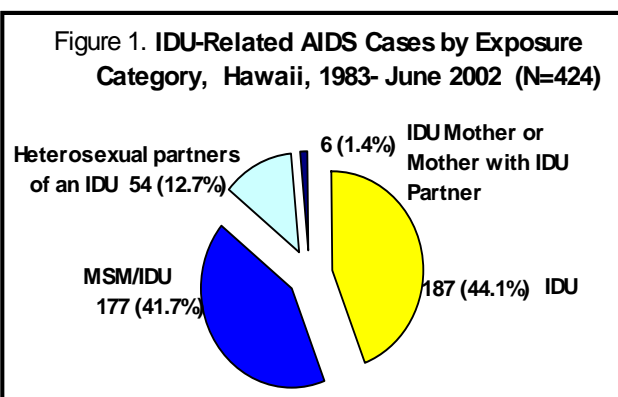
As of June 30, 2002, a cumulative total of 424 AIDS cases related to injection drug user (IDU) have been reported in Hawaii, which accounts for 16% of total Hawaii AIDS cases. Of these, 187 are IDU, 177 are men who have sex with men and inject drugs (MSM/IDU), 54 are heterosexual and 6 are IDU mothers or mothers with IDU partners (Figure 1).

Of 424 IDU-related AIDS cases, 329 are males and 95 females. IDU-related AIDS cases account for 52.5% of cumulative female AIDS cases (Figure 2), and for 13.4% of cumulative male AIDS cases.

Almost half (208, 49.1%) of IDU-related cases are diagnosed with AIDS at ages 30-39, followed by 122 cases (28.8%) at ages 40-49, 65 cases (15.3%) at ages 20-29, 23 cases (5.4%) at ages over 49 and 6 cases (1.4%) at ages under 20.

IDU-related AIDS accounts for 28.8% of cumulative AIDS cases among African Americans (Figure 3), followed by 24.1% among Hispanics, 17.5% among Hawaiians, 15.1% among Whites, 12.3% among Filipinos, and 13.3% among other (other Asian and Pacific Islanders and American Indians).

Most of IDU-related AIDS are reported in Honolulu County (67.3%, 282 cases), followed by Hawaii County (19.3%, 81 cases), Maui County (10.0%, 42 cases) and Kauai County (3.3%, 14 cases).



Hawaii AIDS Cases, Reported through June 30, 2002

Year of Report	1983-1996	1997	1998	1999	2000	2001	2002	TOTAL
Cases by Year of Report	1,980	98	164	103	109	127	62	2,643
Rate per 100,000 Population *	N/A	8.2	13.8	8.7	9.0	10.5	N/A	N/A

Demographics/Risk	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
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S E X	Male	1,871	(94)	87	(89)	147	(90)	95	(92)	94	(86)	112	(88)	56	(90)	2,462	(93)
	Female	109	(6)	11	(11)	17	(10)	8	(8)	15	(14)	15	(12)	6	(10)	181	(7)

A G E	<13	14	(1)	0	(0)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	16	(<1)
	13-19	5	(<1)	1	(1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	8	(<1)
	20-29	283	(14)	5	(5)	13	(8)	5	(5)	8	(7)	11	(9)	2	(3)	327	(12)
	30-39	875	(44)	44	(45)	80	(49)	44	(43)	36	(33)	54	(43)	26	(42)	1,159	(44)
	40-49	591	(30)	30	(31)	48	(29)	39	(38)	42	(39)	37	(29)	22	(35)	809	(31)
	>49	212	(11)	18	(18)	21	(13)	15	(15)	21	(19)	25	(20)	12	(19)	324	(12)

R A C E	Caucasian	1,288	(65)	46	(47)	98	(60)	64	(62)	61	(56)	80	(63)	34	(55)	1,671	(63)
	Asian/Pacific Islander	508	(26)	43	(44)	41	(25)	27	(26)	39	(36)	34	(27)	21	(34)	713	(27)
	African-American	81	(4)	3	(3)	9	(5)	7	(7)	4	(4)	3	(2)	3	(5)	110	(4)
	Hispanic	95	(5)	6	(6)	13	(8)	5	(5)	5	(5)	9	(7)	4	(6)	137	(5)
	American Indian/Alaskan	8	(<1)	0	(0)	3	(2)	0	(0)	0	(0)	1	(1)	0	(0)	12	(<1)

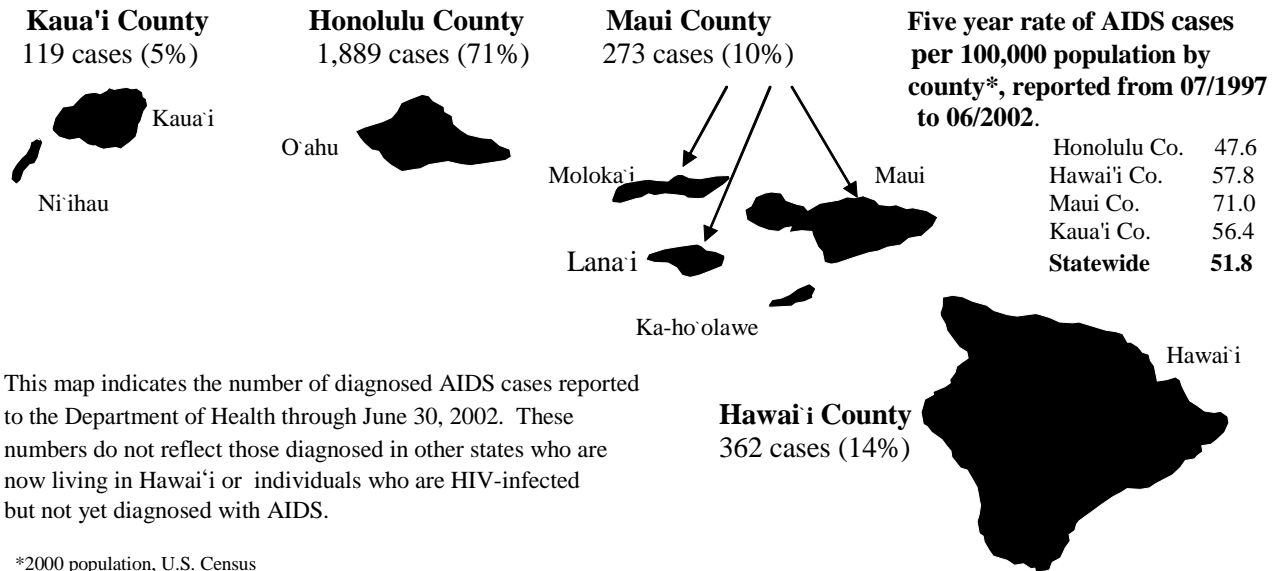
R I S K	Male to Male Sex	1,543	(78)	67	(68)	117	(71)	71	(69)	69	(63)	84	(66)	40	(65)	1,991	(75)
	Injection Drug Use	128	(6)	10	(10)	21	(13)	6	(6)	8	(7)	9	(7)	6	(10)	188	(7)
	Male/Male Sex & IDU	148	(7)	5	(5)	5	(3)	8	(8)	4	(4)	2	(2)	3	(5)	175	(7)
	Female Heterosexual	57	(3)	8	(8)	8	(5)	3	(3)	8	(7)	5	(4)	2	(3)	91	(3)
	Male Heterosexual	26	(1)	3	(3)	4	(2)	5	(5)	3	(3)	4	(3)	2	(3)	47	(2)
	Transfusion	19	(1)	2	(2)	2	(1)	1	(1)	0	(0)	0	(0)	3	(5)	27	(1)
	Perinatal	11	(<1)	0	(0)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	13	(<1)
	Hemophiliac	17	(<1)	1	(1)	1	(1)	0	(0)	0	(0)	1	(1)	0	(1)	20	(<1)
	Undetermined	31	(2)	2	(2)	5	(3)	9	(9)	16	(15)	22	(17)	6	(10)	91	(3)

*Each year's estimated population from The State of Hawaii Data Book 1999, <http://www.hawaii.gov/dbedt/> and U.S.Census, <http://www.census.gov/population/cen2000>.

AIDS Surveillance Program, 3627 Kilauea Avenue Room 306, Honolulu, Hawaii 96816, (808) 733-9010, 733-9015 (Fax)
Http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/

County Report

Cumulative Cases (1983- June 30, 2002)



Cumulative Hawai'i AIDS cases reported 1983 to June 30, 2002 2,643 Known Deaths 1,503(56.9%)

County		Honolulu Co.		Hawai'i Co.		Maui Co.		Kaua'i Co		Statewide	
		5-Year	Cum.Total	5-Year	Cum.Total	5-Year	Cum.Total	5-Year	Cum.Total	5-Year	Cum.Total
		No. (%)	N (%)	No. (%)	No. (%)	No. (%)	No. (%)	N (%)	N (%)	No. (%)	No. (%)
SEX	Male	379 (91)	1,770 (94)	68 (79)	322 (89)	84 (92)	259 (95)	30 (91)	111 (93)	561 (89)	2,462 (93)
	Female	38 (9)	119 (6)	18 (21)	40 (11)	7 (8)	14 (5)	3 (9)	8 (7)	66 (11)	181 (7)

RISK	Male to Male Sex	280 (67)	1,443 (76)	47 (55)	242 (67)	72 (79)	213 (78)	23 (70)	92 (77)	422 (67)	1,990 (75)
	Injection Drug Use	36 (9)	126 (7)	10 (12)	39 (11)	5 (5)	13 (5)	4 (12)	9 (8)	55 (9)	187 (7)
	Male/Male Sex & IDU	21 (5)	120 (6)	4 (5)	29 (8)	2 (2)	24 (9)	1 (3)	4 (3)	28 (4)	177 (7)
	Heterosexual Contact	32 (8)	90 (5)	13 (15)	30 (8)	4 (4)	11 (4)	1 (3)	7 (6)	50 (8)	138 (5)
	Transfusion	5 (1)	21 (1)	2 (2)	3 (1)	1 (1)	1 (<1)	0 (0)	2 (2)	8 (1)	27 (1)
	Perinatal	2 (<1)	11 (1)	0 (0)	2 (1)	0 (0)	0 (0)	0 (0)	0 (0)	2 (<1)	13 (<1)
	Hemophilic	2 (<1)	14 (1)	0 (0)	4 (1)	0 (0)	2 (1)	0 (0)	0 (0)	2 (<1)	20 (<1)
	Undetermined	39 (9)	64 (3)	10 (12)	13 (4)	7 (8)	9 (3)	4 (12)	5 (4)	60 (10)	91 (3)
Total Cases		417	1,889	86	362	91	273	33	119	627	2,643

07/1997- 06/2002 N and (%)	417 (67)	86 (14)	91 (15)	33 (5)	627 (100)
Cumulative cases and (%)	1,889 (71)	362 (14)	273 (10)	119 (5)	2,643 (100)
2000 population (%)	(72)	(12)	(11)	(5)	1,211,537 (100)

AIDS Cases by Race/Ethnicity

Reported from June 1997 to July 2002

Race/Ethnicity	Caucasian No. (%)	African American No. (%)	Hispanic No. (%)	American Indian No. (%)	Hawaiian/Pt. Haw. No. (%)	Filipino No. (%)	Chinese No. (%)	Japanese No. (%)	Other A/PIs No. (%)	Total No. (%)
5-year average annual rate per 100,000 ¹	15.2	16.2	9.4	N/A	10.7	5.1	4.1	2.3	1.9	10.4

5 Year Cases (%)	362 (58)	27 (4)	41 (7)	4 (<1)	74 (12)	43 (7)	14 (2)	28 (4)	34 (5)	627 (100)
Cumulative Cases (%)	1,671(63)	111 (4)	137 (5)	12 (<1)	285 (11)	138 (5)	57 (2)	118 (4)	114 (4)	2,643(100)

SEX	Male	335 (93)	22 (82)	35 (85)	4 (100)	64 (86)	35 (81)	13 (93)	26 (93)	27 (79)	561 (89)
	Female	27 (7)	5 (18)	6 (15)	0 (0)	10 (14)	8 (19)	1 (7)	2 (7)	7 (21)	66 (11)
RISK	Male to Male Sex	258 (71)	11 (41)	25 (61)	3 (75)	50 (68)	28 (65)	10 (71)	19 (68)	18 (53)	422 (67)
	Injection Drug Use	29 (8)	7 (26)	6 (15)	0 (0)	3 (4)	2 (5)	2 (14)	1 (4)	5 (15)	55 (9)
	Male/Male Sex & IDU	19 (5)	1 (4)	1 (2)	1 (25)	3 (4)	1 (2)	0 (0)	2 (7)	0 (0)	28 (4)
	Heterosexual	17 (5)	4 (15)	6 (15)	0 (0)	7 (9)	6 (14)	2 (14)	2 (7)	6 (18)	50 (8)
	Transfusion	4 (1)	0 (0)	0 (0)	0 (0)	2 (3)	1 (2)	0 (0)	0 (0)	1 (3)	8 (1)
	Perinatal	1 (0)	0 (0)	0 (0)	0 (0)	1 (1)	0 (0)	0 (0)	0 (0)	0 (0)	2 (<1)
	Hemophiliac	2 (1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (<1)
	Undetermined	32 (9)	4 (15)	3 (7)	0 (0)	8 (11)	5 (12)	0 (0)	4 (14)	4 (12)	60 (10)
5-Year Cases		362 (100)	27 (100)	41 (100)	4 (100)	74 (100)	43 (100)	14(100)	28 (100)	34 (100)	627 (100)

¹ 2000 and 1990 population, U.S. Census

Reporting Requirement. *AIDS case reporting is required by Hawai'i Revised Statutes (HRS) §325-2 and Hawaii new Administrative Rules §11-156-3 for low CD4 values (<200µl/ml or <14% of total lymphocytes). Reporting by name is required at the time a person is diagnosed with AIDS as defined by the Centers for Disease Control and Prevention (revised in January 1993). HIV case reporting by Unnamed Test Code (UTC) is required by Hawaii Administrative Rules §11-156-8.8 & 8.9., which took effect on August 27, 2001. Information is collected for the advancement of epidemiologic knowledge and handled in strictest confidence in accordance with HRS §325-101. Names and other identifiers are not released. Those required to report include physicians, nurses, infection control practitioners, medical directors, and hospitals.*

Questions regarding forms, reporting requirements, or this report may be directed to the AIDS Surveillance Program at (808) 733-9010, (808) 733-9015 (fax), or qsandy@lava.net (e-mail).

HIV/AIDS Surveillance Quarterly Report

Hawai'i Department of Health

Cases to September 30, 2002

AIDS Data: From 1983 to September 30, 2002, 2,676 AIDS cases have been reported to the Hawaii HIV/AIDS Surveillance Program, Department of Health (DOH). Forty four percent of reported AIDS cases (1,168) are known to be living. A total of 162 new cases were reported during the one-year period (October 1, 2001 to September 30, 2002). Of these 162 cases, 145 (90%) cases were male and 17 (10%) were female. These new cases were diagnosed in the counties of Honolulu (77, 48%), Hawaii (41, 25%), Maui (29, 18%), and Kauai (15, 9%). This report describes AIDS demographic data by year (page 2), by county (page 3), and by race/ethnicity (page 4). This quarterly report and additional AIDS data are available at the website (http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/) and from the HIV/AIDS Surveillance Program, 3627 Kialuea Avenue, Suite 306, Honolulu, HI 96816, Tel: (808) 733-9010, Fax: (808) 733-9015.

HIV data: Since September 2001, there have been 426 HIV (non-AIDS) cases reported to the HIV/AIDS Surveillance Program, DOH. Due to reporting delay, HIV reporting is not complete at this time. Therefore, HIV data analysis for demographic or other information is not yet available.

Hawaii HIV Case Surveillance Impacts AIDS Case Reporting

The number of AIDS cases reported has increased to 129 in 2001 compared to 109 in 2000 and 103 in 1999. Figure 1 shows the number of *diagnosed* and *reported* AIDS cases by year from 1999 to 2001. The number of newly *diagnosed* AIDS cases has decreased from 1999 to 2001, but the number of *reported* AIDS cases has increased for the same period. The increase in AIDS reporting during 2001 is partly due to the implementation of HIV (non-AIDS) reporting in Hawaii by a coded identifier known as the Unnamed Test Code (UTC), which started from August 2001. At that time, providers reviewed their HIV positive records and reported (passive surveillance) some unreported AIDS cases along with HIV cases. In addition, the surveillance staff gave support (active surveillance) to providers in hospitals, clinics, and physicians' offices on the use of the UTC and the new HIV reporting form. While providing this support from September to December 2001, the surveillance staff were able to collect data on 85 previously unreported AIDS cases. As a result, the total number of AIDS cases for 2001 has increased to 129. These 85 cases were diagnosed between 1987 and 2001. Table 1 shows the distribution of these cases by year of diagnosis.

The number of AIDS cases reported in 2001 does not reflect a new AIDS epidemic; instead, it reflects unreported cases from the previous years. Again, the increase was due to both passive and active surveillances in the implementation of HIV reporting. The number of newly reported AIDS cases is expected to return to previous levels.

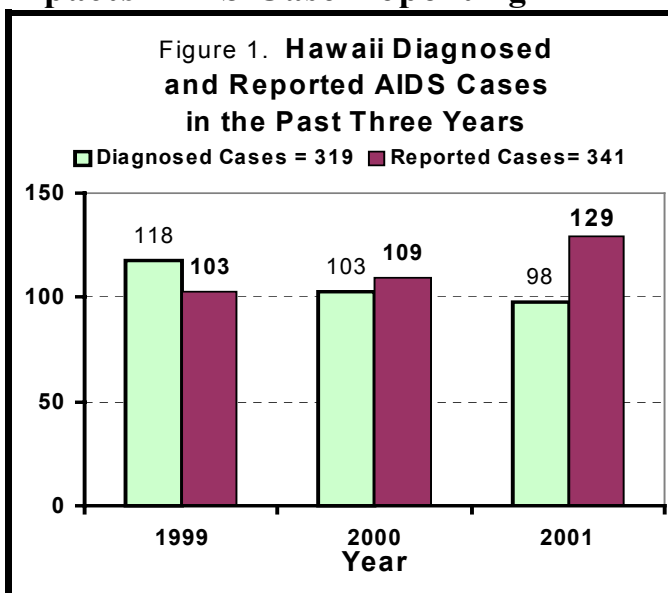


Table 1. **The Year of Diagnosis of Previously Unreported 85 AIDS Cases**

Year	No.	%
Before 1997	24	28
1997 to 2001	23	27
2001	38	45
Total	85	100

HIV/AIDS Surveillance Program, 3627 Kilauea Avenue, Room 306, Honolulu, Hawaii 96816, (808) 733-9010, 733-9015 (Fax)
Website address: http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/

Hawaii AIDS Cases by Year

Reported through September 30, 2002

Year of Report	1983-1996	1997	1998	1999	2000	2001	2002	TOTAL
Cases by Year of Report	1,980	98	164	103	109	129	93	2,676
Rate per 100,000 Population ¹	N/A	8.2	13.8	8.7	9.0	10.5	N/A	N/A

Demographics/Risk	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
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S E X	Male	1,871	(94)	87	(89)	147	(90)	95	(92)	94	(86)	114	(88)	83	(89)	2,491	(93)
	Female	109	(6)	11	(11)	17	(10)	8	(8)	15	(14)	15	(12)	10	(11)	185	(7)

A G E	<13	14	(<1)	0	(0)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	16	(1)
	13-19	5	(<1)	1	(1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	8	(<1)
	20-29	283	(14)	5	(5)	13	(8)	5	(5)	8	(7)	11	(9)	5	(5)	330	(12)
	30-39	875	(44)	44	(45)	80	(49)	44	(43)	36	(33)	55	(43)	39	(42)	1,173	(44)
	40-49	591	(30)	30	(31)	48	(29)	39	(38)	42	(39)	38	(29)	33	(35)	821	(31)
	>49	212	(11)	18	(18)	21	(13)	15	(15)	21	(19)	25	(19)	16	(17)	328	(12)

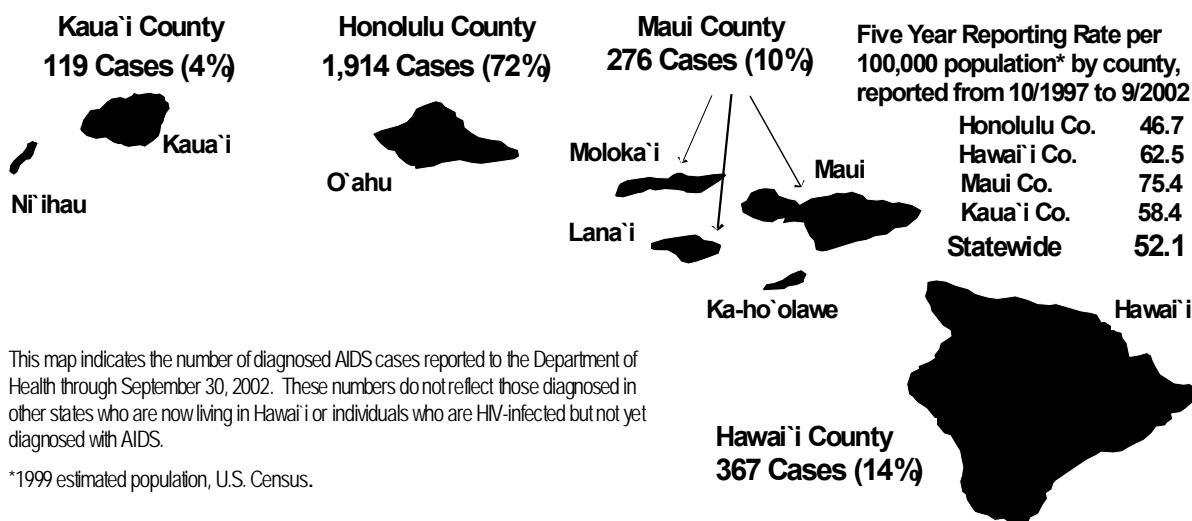
R A C E	Caucasian	1,288	(65)	47	(48)	98	(60)	64	(62)	61	(56)	81	(63)	52	(56)	1,691	(63)
	Asian/Pacific Islander	508	(26)	42	(43)	41	(25)	27	(26)	39	(36)	35	(27)	31	(33)	723	(27)
	African-American	81	(4)	3	(3)	9	(5)	7	(7)	4	(4)	3	(2)	5	(5)	112	(4)
	Hispanic	95	(5)	6	(6)	13	(8)	5	(5)	5	(5)	9	(7)	5	(5)	138	(5)
	American Indian/Alaskan	8	(<1)	0	(0)	3	(2)	0	(0)	0	(0)	1	(1)	0	(0)	12	(<1)

R I S K	Male to Male Sex	1,543	(78)	67	(68)	116	(71)	71	(69)	69	(63)	86	(67)	58	(62)	2,010	(75)
	Injection Drug Use	128	(6)	10	(10)	21	(13)	6	(6)	8	(7)	10	(8)	10	(11)	193	(7)
	Male/Male Sex & IDU	148	(7)	5	(5)	6	(4)	8	(8)	4	(4)	2	(2)	3	(3)	176	(7)
	Female Heterosexual	57	(3)	8	(8)	8	(5)	3	(3)	8	(7)	6	(5)	3	(3)	93	(3)
	Male Heterosexual	26	(1)	3	(3)	4	(2)	5	(5)	3	(3)	4	(3)	2	(2)	47	(2)
	Transfusion	19	(1)	2	(2)	2	(1)	1	(1)	0	(0)	0	(0)	4*	(4)	28	(1)
	Perinatal	11	(<1)	0	(0)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	13	(<1)
	Hemophiliac	17	(<1)	1	(1)	1	(1)	0	(0)	0	(0)	1	(1)	0	(0)	20	(1)
	Undetermined	31	(2)	2	(2)	5	(3)	9	(9)	16	(15)	20	(16)	13	(14)	96*	(4)

¹ Each year's estimated population from the State of Hawaii Data Book 1999, <http://www.hawaii.gov/dbedt/db99/index.html>, and US Census, <http://www.census.gov/population/cen2000>. * These AIDS cases are under the investigation for risk information.

County Report

Cumulative Cases (1983 – September 30, 2002)



Cumulative Hawai'i AIDS cases reported 1983 to September 30, 2002 2,676 Known Deaths 1,508 (56%)

AIDS Cases by County: Five-year (October 1997 - September 2002) and Cumulative Total (1983 – September 2002)

County		Honolulu Co.		Hawai'i Co.		Maui Co.		Kaua'i Co.		Statewide	
		5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total
		No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)
SEX	Male	366 (91)	1,792 (94)	72 (81)	327 (89)	84 (91)	261 (95)	30 (91)	111 (93)	552 (89)	2,491 (93)
	Female	38 (9)	122 (6)	17 (19)	40 (11)	8 (9)	15 (5)	3 (9)	8 (7)	66 (11)	185 (7)

RISK	Male to Male Sex	268 (66)	1,458 (81)	49 (55)	245 (67)	72 (78)	215 (78)	23 (70)	92 (77)	412 (67)	2,010 (75)
	Injection Drug Use	35 (9)	130 (7)	11 (12)	40 (11)	6 (7)	14 (5)	4 (12)	9 (8)	56 (9)	193 (7)
	Male/Male Sex & IDU	20 (5)	120 (7)	4 (4)	29 (8)	1 (1)	23 (8)	1 (3)	4 (3)	26 (4)	176 (7)
	Heterosexual Contact	29 (7)	91 (5)	12 (13)	30 (8)	5 (5)	12 (4)	1 (3)	7 (6)	47 (8)	140 (5)
	Transfusion	5 (1)	21 (1)	2 (2)	3 (1)	2 (2)	2 (1)	0 (0)	2 (2)	9 (1)	28 (1)
	Perinatal	2 (<1)	11 (1)	0 (0)	2 (1)	0 (0)	0 (0)	0 (0)	0 (0)	2 (0)	13 (0)
	Hemophiliac	2 (<1)	14 (1)	0 (0)	4 (1)	0 (0)	2 (1)	0 (0)	0 (0)	2 (0)	20 (1)
	Undetermined	43 (11)	69 (4)	11 (12)	14 (4)	6 (7)	8 (3)	4 (12)	5 (4)	64 (10)	96 (4)
Total Cases		404 (100)	1,914 (100)	89 (100)	367 (100)	92 (100)	276 (100)	33 (100)	119 (100)	618 (100)	2,676 (100)

October 1997—September 30, 2002 N (%)	404 (65)	89 (14)	92 (15)	33 (5)	618 (100)
Cumulative cases and (%)	1,914 (72)	367 (14)	276 (10)	119 (4)	2,676 (100)
Population 2000 and (%)	876,156 (72)	148,677 (12)	128,241 (11)	58,463 (5)	1,211,537 (100)

AIDS Cases by Race/Ethnicity

Five - Year (October 1997 – September 2002)

Race/Ethnicity	Caucasian		African American		Hispanic		American Indian		Hawaiian/ Pt. Haw.		Filipino		Chinese		Japanese		Other A/PI		Total Cases	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
5 Year Cases (%)	365	(59)	28	(5)	37	(6)	4	(<1)	77	(12)	41	(7)	9	(1)	25	(4)	32	(5)	618	(100)
Cumulative Cases (%)	1,690	(63)	113	(4)	138	(5)	12	(<1)	289	(11)	141	(5)	56	(2)	118	(4)	119	(4)	2,676	(100)

SEX	Male	336	(92)	23	(82)	33	(89)	4	(100)	67	(87)	33	(80)	8	(89)	23	(92)	26	(81)	552	(89)
	Female	29	(8)	5	(18)	4	(11)	0	(0)	10	(13)	8	(20)	1	(11)	2	(8)	6	(19)	66	(11)

RISK	Male to Male Sex	258	(71)	11	(39)	24	(65)	3	(75)	50	(65)	25	(61)	6	(67)	18	(72)	17	(53)	412	(67)
	Injection Drug Use	31	(8)	8	(29)	5	(14)	0	(0)	5	(6)	2	(5)	1	(11)	1	(4)	3	(9)	56	(9)
	Male/Male Sex & IDU	17	(5)	1	(4)	1	(3)	1	(25)	3	(4)	1	(2)	0	(0)	2	(8)	0	(0)	26	(4)
	Female Heterosexual	10	(3)	1	(4)	2	(5)	0	(0)	6	(8)	5	(12)	1	(11)	1	(4)	2	(6)	28	(5)
	Male Heterosexual	6	(2)	2	(7)	2	(5)	0	(0)	3	(4)	1	(2)	1	(11)	1	(4)	3	(9)	19	(3)
	Transfusion	5	(1)	0	(0)	0	(0)	0	(0)	2	(3)	1	(2)	0	(0)	0	(0)	1	(3)	9	(1)
	Perinatal	1	(<1)	0	(0)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	0	(0)	2	(<1)
	Hemophiliac	2	(1)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	2	(<1)
	Undetermined	35	(10)	5	(18)	3	(8)	0	(0)	7	(9)	6	(15)	0	(0)	2	(8)	6	(19)	64	(10)
5 Year Total cases		365	(100)	28	(100)	37	(100)	4	(100)	77	(100)	41	(100)	9	(100)	25	(100)	32	(100)	618	(100)
5 year average reporting rate per 100,000 ¹		15.3		16.8		8.4		N/A		11.1		4.9		2.6		2.0		10.4		10.2	

¹2000 estimated U.S. Census figures were used to calculate race-specific reporting rates for Caucasians, Afri-American, Hispanic, and state total. 1990 US census figures were used to calculate the rest of the race/ethnic groups for this five year period (10/1/1997 to 9/30/2002).

Reporting Requirement. *AIDS case reporting is required by Hawai'i Revised Statutes (HRS) §325-2 and Hawaii new Administrative Rules §11-156-3 for low CD4 values (<200 Cells/μL and/or total lymphocytes <14%). Reporting by name is required at the time a person is diagnosed with AIDS as defined by the Centers for Disease Control and Prevention (revised in January 1993). HIV positive case reporting by Unnamed Test Code (UTC) is required by Hawaii Administrative Rules §11-156-8.8 and 8.9, implemented from August 27, 2001. Information is collected for the advancement of epidemiologic knowledge and handled in strictest confidence in accordance with HRS §325-101. Names and other identifiers are not released. Those required to report include physicians, nurses, infection control practitioners, medical directors, and hospitals.*

Questions regarding AIDS and HIV reporting forms, reporting requirements, or this report may be directed to the AIDS Surveillance Program at (808) 733-9010 (Tel), (808) 733-9015 (fax) or pbortha@lava.net (e-mail).

HIV/AIDS Surveillance Quarterly Report



Hawai'i Department of Health

Cases to December 31, 2002

AIDS Data: As of December 31, 2002, a cumulative total of 2,717 AIDS cases have been reported to the Hawai'i HIV/AIDS Surveillance Program, Department of Health (DOH). Of these, 1,513 (55.7%) are known dead. At the end of 2002, a total of 1,204 persons are known to be living with AIDS resulting in the prevalence rate of 98.3 AIDS cases per 100,000 population.

A total of 134 cases were reported during 2002 (one-year period), which gives Hawai'i an annual AIDS report rate of 10.9 per 100,000 population. Of the 134 AIDS cases, there were 121 (90.3%) male and 13 (9.7%) female. Honolulu County reported 87 cases (64.9%); Hawai'i County 41 cases (9.9%); Maui County 28 cases (22.4%); and Kaua'i County 15 cases (3.7%). AIDS data is detailed on pages 2-4.

HIV Data: A cumulative total of 503 HIV cases have been reported to the DOH since Hawai'i implemented HIV reporting on August 27, 2001. These HIV cases that were reported included cases diagnosed from the previous years and the current year. HIV data at this time is incomplete due to a reporting delay (time between diagnosis of HIV infection and report to DOH), so details are not yet available.

AIDS Among Hawaiians*, 1984 - 2002

The first Hawaiian AIDS case was diagnosed and reported in Hawai'i in 1984. By December 31, 2002, 296 Hawaiian AIDS cases have been diagnosed and reported. Of these, 179 (60.5%) are known dead and 117 (39.5%) are known to be living with AIDS. Hawaiians comprise 12.5% of the State population (1990 U.S. census), and account for 10.9% of the total Hawaii AIDS cases. The proportion of AIDS cases among Hawaiians is less than their proportion of the total State population.

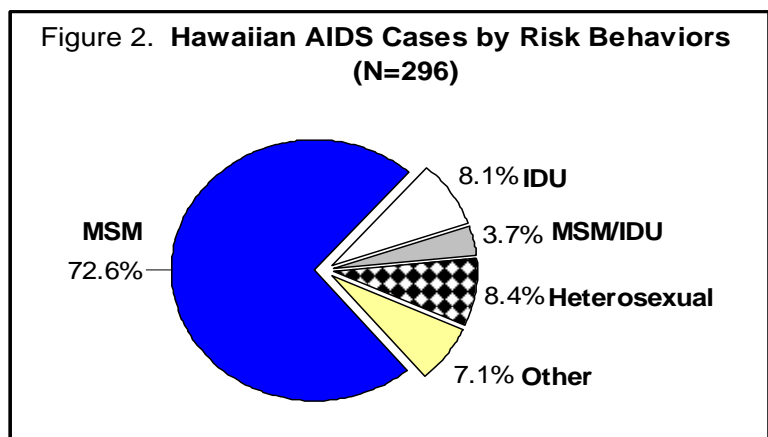
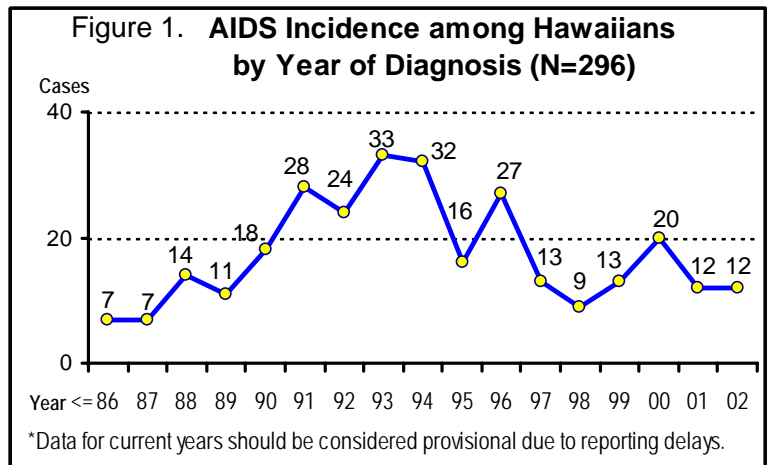
Figure 1 shows the AIDS incidence among Hawaiians by year of diagnosis. The incident peaked in 1993, then decreased, and fluctuated thereafter.

Of the 296 AIDS cases, there were 260 (87.8%) males and 36 (12.2%) females. The majority of the AIDS cases (137, 46.3%) were aged 30-49 years at diagnosis, followed by 61 cases (20.6%) aged 40-49; 55 cases (18.6%) aged 20-29; 36 cases (12.2%) aged over 49; and 7 cases (2.4%) aged under 20.

The primary risk behavior is among men who have sex with men (215, 72.6%, Figure 2). The second and third highest risk behaviors are heterosexual contact (25, 8.4%) and injection drug use (24, 8.1%).

Honolulu County reported 218 cases (73.6%); Hawai'i County 44 cases (14.9%); Maui County 27 cases (9.1%); and Kaua'i County 7 cases (2.4%).

* Includes persons self-identified as Hawaiians or part-Hawaiians in the medical records.



Hawaii AIDS Cases, Reported through December 31, 2002

Year of Report	1983-1996	1997	1998	1999	2000	2001	2002	TOTAL
Cases by Year of Report	1,980	98	164	103	109	129	134	2,717
Rate per 100,000 Population *	N/A	8.1	13.5	8.5	8.9	10.5	10.9	N/A

Demographics/Risk	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
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SEX	Male	1,871	(94)	87	(89)	147	(90)	95	(92)	94	(86)	114	(88)	121	(90)	2,529	(93)
	Female	109	(6)	11	(11)	17	(10)	8	(8)	15	(14)	15	(12)	13	(10)	188	(7)

AGE	<13	14	(1)	0	(0)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	16	(<1)
	13-19	5	(<1)	1	(1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	8	(<1)
	20-29	283	(14)	5	(5)	13	(8)	5	(5)	8	(7)	11	(9)	11	(8)	336	(12)
	30-39	875	(44)	44	(45)	80	(49)	44	(43)	36	(33)	55	(43)	53	(40)	1,187	(44)
	40-49	591	(30)	30	(31)	48	(29)	39	(38)	42	(39)	38	(29)	47	(35)	835	(31)
	>49	212	(11)	18	(18)	21	(13)	15	(15)	21	(19)	25	(19)	23	(17)	335	(12)

RACE	Caucasian	1,288	(65)	46	(47)	98	(60)	64	(62)	61	(56)	81	(63)	77	(57)	1,715	(63)
	Asian/Pacific Islander	507	(26)	43	(44)	41	(25)	27	(26)	39	(36)	35	(27)	41	(31)	733	(27)
	African-American	82	(4)	3	(3)	9	(5)	7	(7)	4	(4)	3	(2)	8	(6)	116	(4)
	Hispanic	95	(5)	6	(6)	13	(8)	5	(5)	5	(5)	9	(7)	8	(6)	141	(5)
	American Indian/Alaskan	8	(<1)	0	(0)	3	(2)	0	(0)	0	(0)	1	(1)	0	(0)	12	(<1)

RISK	Male to Male Sex	1,543	(78)	67	(68)	116	(71)	71	(69)	69	(63)	86	(67)	87	(65)	2,039	(75)
	Injection Drug Use	128	(6)	10	(10)	21	(13)	6	(6)	8	(7)	10	(8)	11	(8)	194	(7)
	Male/Male Sex & IDU	148	(7)	5	(5)	6	(4)	8	(8)	4	(4)	2	(2)	6	(4)	179	(7)
	Female Heterosexual	57	(3)	8	(8)	8	(5)	3	(3)	8	(7)	6	(5)	4	(3)	94	(3)
	Male Heterosexual	26	(1)	3	(3)	4	(2)	5	(5)	3	(3)	4	(3)	2	(1)	47	(2)
	Transfusion	19	(1)	2	(2)	2	(1)	1	(1)	0	(0)	0	(0)	3**	(2)	27	(1)
	Perinatal	11	(<1)	0	(0)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	13	(<1)
	Hemophiliac	17	(<1)	1	(1)	1	(1)	0	(0)	0	(0)	1	(1)	0	(0)	20	(<1)
	Undetermined	31	(2)	2	(2)	5	(3)	9	(9)	16	(15)	20	(16)	21	(16)	104**	(4)

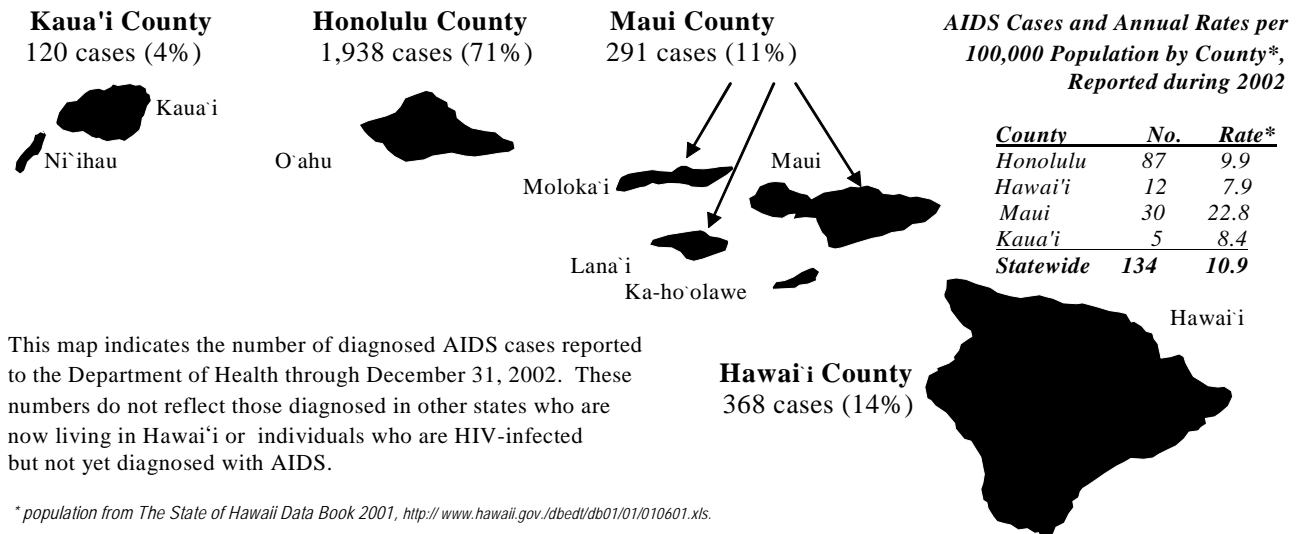
* Each year's estimated population from The State of Hawaii Data Book 2001, <http://www.hawaii.gov/dbedt/db01/01/010601.xls>.

** These AIDS cases are under investigation for risk information.

AIDS Surveillance Program, 3627 Kilauea Avenue Room 306, Honolulu, Hawaii 96816, (808) 733-9010, 733-9015 (Fax)
[Http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/](http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/)

County Report

Cumulative Cases (1983- December 31, 2002)



Cumulative Hawai'i AIDS cases reported 1983 to December 31, 2002 2,717 Known Deaths 1,513 (55.7%)

County		Honolulu Co.		Hawai'i Co.		Maui Co.		Kaua'i Co.		Statewide	
		5-Year	Cum.Total	5-Year	Cum.Total	5-Year	Cum.Total	5-Year	Cum.Total	5-Year	Cum.Total
		No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)
SEX	Male	372 (90)	1,813 (94)	70 (80)	328 (89)	98 (92)	276 (95)	31 (91)	112 (93)	571 (89)	2,529 (93)
	Female	40 (10)	125 (6)	17 (20)	40 (11)	8 (8)	15 (5)	3 (9)	8 (7)	68 (11)	188 (7)

RISK	Male to Male Sex	276 (67)	1,475 (76)	47 (54)	245 (67)	82 (77)	226 (78)	24 (71)	93 (78)	429 (67)	2,039 (75)
	Injection Drug Use	35 (8)	131 (7)	11 (13)	40 (11)	6 (6)	14 (5)	4 (12)	9 (8)	56 (9)	194 (7)
	Male/Male Sex & IDU	19 (5)	121 (6)	3 (3)	29 (8)	3 (3)	25 (9)	1 (3)	4 (3)	26 (4)	179 (7)
	Heterosexual Contact	28 (7)	91 (5)	12 (14)	30 (8)	6 (6)	13 (4)	1 (3)	7 (6)	47 (7)	141 (5)
	Transfusion	3 (1)	21 (1)	2 (2)	3 (1)	1 (1)	1 (<1)	0 (0)	2 (2)	6 (1)	27 (1)
	Perinatal	2 (<1)	11 (1)	0 (0)	2 (1)	0 (0)	0 (0)	0 (0)	0 (0)	2 (<1)	13 (<1)
	Hemophiliac	2 (<1)	14 (1)	0 (0)	4 (1)	0 (0)	2 (1)	0 (0)	0 (0)	2 (<1)	20 (<1)
	Undetermined	47 (11)	74 (3)	12 (14)	15 (4)	8 (8)	10 (3)	4 (12)	5 (4)	71 (11)	104 (4)
Total Cases		412	1,938	87	368	106	291	34	120	639	2,717

01/1998– 12/2002 N and (%)	412 (64)	87 (14)	106 (17)	34 (5)	639 (100)
Cumulative cases and (%)	1,938 (71)	368 (14)	291 (11)	120 (4)	2,717 (100)
2001 population (%)	(72)	(12)	(11)	(5)	1,224,398 (100)

AIDS Cases by Race/Ethnicity Reported from 1998 to 2002 (Five – Year)

Race/Ethnicity	Caucasian No. (%)	African American No. (%)	Hispanic No. (%)	American Indian No. (%)	Hawaiian /Pt. Haw. No. (%)	Filipino No. (%)	Chinese No. (%)	Japanese No. (%)	Other APIs No. (%)	Total No. (%)
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5 Year Cases (%)	381 (60)	31 (5)	40 (6)	4 (<1)	77 (12)	39 (6)	9 (1)	23 (4)	35 (5)	639 (100)
Cumulative Cases (%)	1,715 (63)	116 (4)	141 (5)	12 (<1)	296 (11)	143 (5)	57 (2)	119 (4)	118 (4)	2,717(100)

S E X	Male	351 (92)	25 (81)	35 (88)	4 (100)	67 (87)	32 (82)	8 (89)	21 (91)	28 (80)	571 (89)
	Female	30 (8)	6 (19)	5 (12)	0 (0)	10 (13)	7 (18)	1 (11)	2 (9)	7 (20)	68 (11)
R I S K	Male to Male Sex	271 (71)	11 (36)	26 (65)	3 (75)	52 (68)	25 (64)	6 (67)	16 (70)	19 (54)	429 (67)
	Injection Drug Use	31 (8)	9 (29)	5 (13)	0 (0)	5 (6)	1 (3)	1 (11)	1 (4)	3 (9)	56 (9)
	Male/Male Sex & IDU	17 (4)	2 (6)	1 (3)	1 (25)	2 (3)	1 (3)	0 (0)	2 (9)	0 (0)	26 (4)
	Heterosexual	16 (4)	3 (10)	4 (10)	0 (0)	8 (10)	6 (15)	2 (22)	2 (9)	6 (17)	47 (7)
	Transfusion	4 (1)	0 (0)	0 (0)	0 (0)	1 (1)	0 (0)	0 (0)	0 (0)	1 (3)	6 (1)
	Perinatal	1 (<1)	0 (0)	0 (0)	0 (0)	1 (1)	0 (0)	0 (0)	0 (0)	0 (0)	2 (<1)
	Hemophiliac	2 (1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (<1)
	Undetermined	39 (10)	6 (19)	4 (10)	0 (0)	8 (10)	6 (15)	0 (0)	2 (9)	6 (17)	71 (11)
5-Year Cases		381	31	40	4	77	39	9	23	35	639
5-year average annual rate per 100,000 ¹		16.0	18.6	9.1	3.2	11.1	4.6	2.6	1.9	1.9	10.5

¹ 2000 and 1990 population, U.S. Census

Reporting Requirement. *AIDS case reporting is required by Hawai'i Revised Statutes (HRS) §325-2 and Hawaii Administrative Rules §11-156-3 for low CD4 values (<200µl/ml or <14% of total lymphocytes). Reporting by name is required at the time a person is diagnosed with AIDS as defined by the Centers for Disease Control and Prevention (revised in January 1993). HIV case reporting by Unnamed Test Code (UTC) is required by Hawaii Administrative Rules §11-156-8.8 & 8.9., which took effect on August 27, 2001. Information is collected for the advancement of epidemiologic knowledge and handled in strictest confidence in accordance with HRS §325-101. Names and other identifiers are not released. Those required to report include physicians, nurses, infection control practitioners, medical directors, and hospitals.*

Questions regarding forms, reporting requirements, or this report may be directed to the AIDS Surveillance Program at (808) 733-9010, (808) 733-9015 (fax), or qsandy@lava.net (e-mail).

Notice for the change of publication schedule: Beginning 2003, the HIV/AIDS Surveillance Quarterly Report will be changed to a semi-annual report. The next issue will be the 2003 mid-year report.